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FIGURE 2

Met Asp Ile Leu Cys Glu Glu Asn Thr Ser  
A T G G A T A T T C T T T G T G A A G A A A T A C T T C T  
10 20 30

Leu Ser Ser Thr Thr Asn Ser Leu Met Gln  
T T G A G C T C A A C T A C G A A C T C C C T A A T G C A A  
40 50 60

Leu Asn Asp Asp Thr Arg Leu Tyr Ser Asn  
T T A A A T G A T G A C A C C A G G C T C T A C A G T A A T  
70 80 90

Asp Phe Asn Ser Gly Glu Ala Asn Thr Ser  
G A C T T T A A C T C C G G A G A A G C T A A C A C T T C T  
100 110 120

Asp Ala Phe Asn Trp Thr Val Asp Ser Glu  
G A T G C A T T T A A C T G G A C A G T C G A C T C T G A A  
130 140 150

Asn Arg Thr Asn Leu Ser Cys Glu Gly Cys  
A A T C G A A C C A A C C T T T C C T G T G A A G G G T G C  
160 170 180

FIGURE 2, CON'D

Leu Gln Glu Lys Asn Trp Ser Ala Leu Leu  
C T C C A G G A A A A A A C T G G T C T G C T T T A C T G  
220 230 240

Thr Ala Val Val Ile Ile Leu Thr Ile Ala  
A C A G C C G T A G T G A T T A T T C T A A C T A T T G C T  
250 260 270

Gly Asn Ile Leu Val Ile Met Ala Val Ser  
G G A A A C A T A C T C G T C A T C A T G G C A G T G T C C  
280 290 300

Leu Glu Lys Lys Leu Gln Asn Ala Thr Asn  
C T A G A G A A A A G C T G C A G A A T G C C A C C A A C  
310 320 330

Tyr Phe Leu Met Ser Leu Ala Ile Ala Asp  
T A T T T C C T G A T G T C A C T T G C C A T A G C T G A T  
340 350 360

Met Leu Leu Gly Phe Leu Val Met Pro Val  
A T G C T G C T G G G T T T C C T T G T C A T G C C C G T G  
370 380 390

Ser Met Leu Thr Ile Leu Tyr Gly Tyr Arg  
 T C C A T G T T A A C C A T C C T G T A T G G G T A C C G G  
 400 410 420

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FIGURE 2, CONT'D

Trp Pro Leu Pro Ser Lys Leu Cys Ala Val  
T G G C C T C T G C C G A G C A A G C T T T G T G C A G T C  
430 440 450

Trp Ile Tyr Leu Asp Val Leu Phe Ser Thr  
T G G A T T T A C C T G G A C G T G C T C T T C T C C A C G  
460 470 480

Ala Ser Ile Met His Leu Cys Ala Ile Ser  
G C C T C C A T C A T G C A C C T C T G C G C C A T C T C G  
490 500 510

Leu Asp Arg Tyr Val Ala Ile Gln Asn Pro  
C T G G A C C G C T A C G T C G C C A T C C A G A A T C C C  
520 530 540

Ile His His Ser Arg Phe Asn Ser Arg Thr  
A T C C A C C A C A G C C G C T T C A A C T C C A G A A C T  
550 560 570

Lys Ala Phe Leu Lys Ile Ile Ala Val Trp  
A A G G C A T T T C T G A A A A T C A T T G C T G T T T G G  
580 590 600

Thr Ile Ser Val Gly Ile Ser Met Pro Ile  
A C C A T A T C A G T A G G T A T A T C C A T G C C A A T A  
610 620 630

Pro Val Phe Gly Leu Gln Asp Asp Ser Lys  
C C A G T C T T T G G G C T A C A G G A C G A T T C G A A G  
640 650 660

FIGURE 2, CONT'D

Val	Phe	Lys	Glu	Gly	Ser	Cys	Leu	Leu	Ala
G	T	C	T	T	A	A	G	G	A
G	G	G	G	A	G	T	T	G	C
T	T	A	C	T	T	G	C	C	
			670			680			690

Asp	Asp	Asn	Phe	Val	Leu	Ile	Gly	Ser	Phe
G	A	T	G	A	T	A	A	C	T
T	T	G	T	C	C	T	G	A	T
C	G	G	C	T	C	T	T	T	T
			700			710			720

Val	Ser	Phe	Phe	Ile	Pro	Leu	Thr	Ile	Met
G	T	G	T	C	A	T	T	T	T
C	A	T	T	C	A	T	T	C	C
C	T	T	A	A	C	C	A	T	C
A	T	C	A	T	G				
			730			740			750

Val	Ile	Thr	Tyr	Phe	Leu	Thr	Ile	Lys	Ser
G	T	G	A	T	C	A	C	C	T
A	C	T	A	C	T	T	T	C	T
A	A	C	T	A	T	C	A	A	G
T	C	A	A	G	T	C	A		
			760			770			780

Leu	Gln	Lys	Glu	Ala	Thr	Leu	Cys	Val	Ser
C	T	C	C	A	G	A	A	A	G
A	A	G	A	A	G	C	T	A	C
T	T	G	T	G	T	G	T	G	T
A	A	G	T	A	A	G	T		
			790			800			810

Asp	Leu	Gly	Thr	Arg	Ala	Lys	Leu	Ala	Ser
G	A	T	C	T	T	G	G	C	A
C	A	C	A	C	G	G	G	C	C
A	A	A	T	T	A	G	C	T	T
C	T								
			820			830			840

Phe	Ser	Phe	Leu	Pro	Gln	Ser	Ser	Leu	Ser
T	T	C	A	G	C	T	T	C	C
T	C	C	T	C	C	C	T	C	A
G	A	G	T	T	C	T	T	C	T
T	T	G	T	C	T				
			850			860			870

Ser	Glu	Lys	Leu	Phe	Gln	Arg	Ser	Ile	His
T	C	A	G	A	A	A	G	C	T
C	T	T	C	C	A	G	C	G	G
T	C	G	A	T	C	C	A	T	
			880			890			900

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FIGURE 2, CONT'D

Arg Glu Pro Gly Ser Tyr Thr Gly Arg Arg  
A G G G A G C C A G G G T C C T A C A C A G G C A G G A G G  
910 920 930

Thr Met Gln Ser Ile Ser Asn Glu Gln Lys  
A C T A T G C A G T C C A T C A G C A A T G A G C A A A A G  
940 950 960

Ala Cys Lys Val Leu Gly Ile Val Phe Phe  
G C A T G C A A G G T G C T G G G C A T C G T C T T C T T C  
970 980 990

Leu Phe Val Val Met Trp Cys Pro Phe Phe  
C T G T T T G T G G T G A T G T G G T G C C C T T T C T T C  
1000 1010 1020

Ile Thr Asn Ile Met Ala Val Ile Cys Lys  
A T C A C A A A C A T C A T G G C C G T C A T C T G C A A A  
1030 1040 1050

Glu Ser Cys Asn Glu Asp Val Ile Gly Ala  
G A G T C C T G C A A T G A G G A T G T C A T T G G G G C C  
1060 1070 1080

Leu Leu Asn Val Phe Val Trp Ile Gly Tyr  
C T G C T C A A T G T G T T T G T T T G G A T C G G T T A T  
1090 1100 1110

Leu Ser Ser Ala Val Asn Pro Leu Val Tyr  
C T C T C T T C A G C A G T C A A C C C A C T A G T C T A C  
1120 1130 1140



Thr    Leu    Phe    Asn    Lys    Thr    Tyr    Arg    Ser    Ala  
 A C A C T G T T C A A C A A G A C C T A T A G G T C A G C C  
                     1150                      1160                      1170

Phe Ser Arg Tyr Ile Gln Cys Gln Tyr Lys  
 T T T T C A C G G T A T A T T C A G T G T C A G T A C A A G  
 1180 1190 1200

Glu    Asn    Lys    Lys    Pro    Leu    Gln    Leu    Ile    Leu  
 G A A A A C A A A A A C C A T T G C A G T T A A T T T T A  
                     1210                      1220                      1230

Val Asn Thr Ile Pro Ala Leu Ala Tyr Lys  
G T G A A C A C A A T A C C G G C T T T G G C C T A C A A G  
1240 1250 1260

Ser Ser Gln Leu Gln Met Gly Gln Lys Lys  
 T C T A G C C A A C T T C A A A T G G G A C A A A A A A A G  
 1270 1280 1290

Asn Ser Lys Gln Asp Ala Lys Thr Thr Asp  
A A T T C A A A G C A A G A T G C C A A G A C A A C A G A T  
1300 1310 1320

Asn Asp Cys Ser Met Val Ala Leu Gly Lys  
A A T G A C T G C T C A A T G G T T G C T C T A G G A A A G  
1330 1340 1350

Gln His Ser Glu Glu Ala Ser Lys Asp Asn  
C A G C A T T C T G A A G A G G C T T C T A A A G A C A A T  
1360 1370 1380

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FIGURE 2, CONT'D

Ser	Asp	Gly	Val	Asn	Glu	Lys	Val	Ser	Cys																							
A	G	C	G	A	C	G	G	A	G	T	G	A	A	T	G	A	A	A	G	G	T	G	A	G	C	T	G	T				
										1390											1400											1410

Val	***	***	Ala	Ser	Cys	Arg	Gly	Asn	Cys																							
G	T	G	T	G	A	T	A	G	G	C	T	A	G	T	T	G	C	C	G	T	G	G	C	A	A	C	T	G	T			
										1420											1430											1440

G	G	A	A	G	G	C	A	C	A	C	T	G	A	G	C	A	A	G	T	T	T	T	C	A	C	C	T	A	T			
										1450											1460											1470

C	T	G	G	T	T	T	T	T	T	T	T	G
												1480

1390 1400 1410 1420 1430 1440 1450 1460 1470 1480

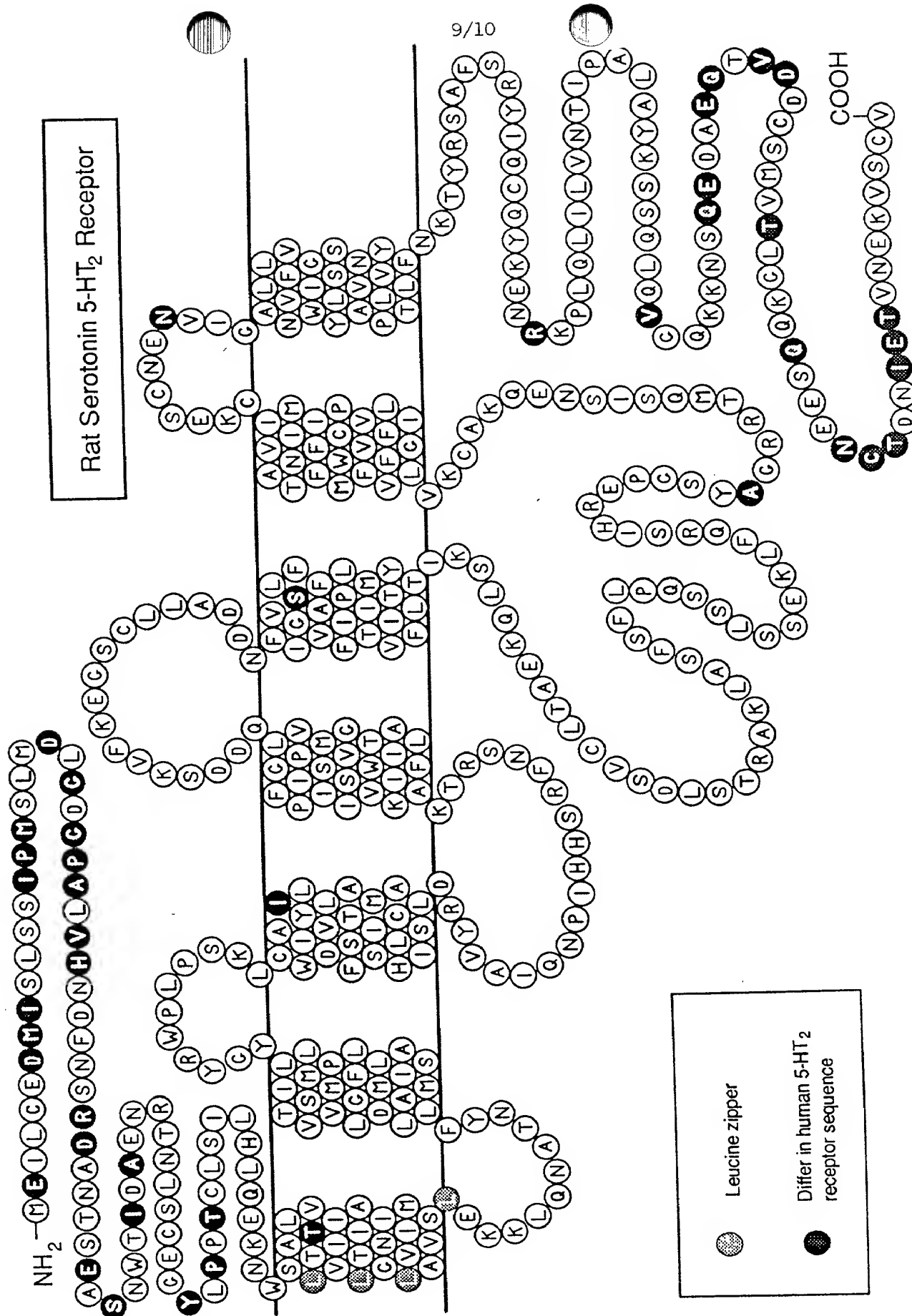
Rat Serotonin 5-HT<sub>2</sub> Receptor

FIGURE 4

